

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.09.2021

Version number 2

Revision: 12.07.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· Trade name: **CRISTALLFUGE-EPOX (C-Komp.) mittelgrau, grafit, sandgrau, titangrau, jurabeige, braun, nussbraun, beige, bahamabeige, caramel, grau**

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

· Application of the substance / the mixture Mineral based Aggregate

· 1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

SCHOMBURG GmbH & Co. KG

Aquafinstr. 2-8

D-32760 Detmold

Germany

Tel: ++49 (0)5231/953-00

email: info@schomburg.de

· **Informing department:**

Product Safety Department

Tel: ++49 (0)5231/953-770

email: SDB@schomburg.de

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008



health hazard

STOT RE 2 H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS08· **Signal word** Warning· **Hazard-determining components of labelling:**

cristobalite

· **Hazard statements**

H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

· **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

EUH208 Contains N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide). May produce an allergic reaction.

· 2.3 Other hazards

· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.

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· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**· **Description:** compound of mineral lightfiller and additives· **Dangerous components:**

CAS: 14464-46-1	cristobalite	10-25%
EINECS: 238-455-4	 STOT RE 2, H373	
CAS: 13463-67-7	titanium dioxide	<0.5%
EINECS: 236-675-5	 Carc. 2, H351	
Index number: 022-006-00-2		

CAS: 123-26-2	N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)	<0.5%
EINECS: 204-613-6	 Skin Sens. 1B, H317; Aquatic Chronic 3, H412	

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**· **General information**

Personal protection for the First Aider.

It is possible to choke in case of vomiting in unconsciousness.

Bring unconscious persons into a stable position on side.

Keep the respiratory tract free (remove dentures and vomiting).

Check the pulse. In case of heart failure you have to make a cardiac massage. In case of stoppage of breathing: artificial respiration.

Take up a doctor immediately!

· **After inhalation** Supply fresh air or oxygen; call for doctor.· **After skin contact**

Wash with water and soap.

After contact, clean the skin mechanical and rinse with water and soap.

· **After eye contact** Rinse opened eye for several minutes under running water.· **After swallowing**

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

Show the pack or the label to the doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**· **Suitable extinguishing agents** Use fire fighting measures that suit the environment.· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**· **Protective equipment:** Wear self-contained breathing apparatus.· **Additional information** Follow the emergency-plan.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Bring persons out of danger.
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Inform respective authorities in case product reaches water or sewage system.
The product may not leak out in sewerage system, stretch of water or soil.
- **6.3 Methods and material for containment and cleaning up:**
Pick up the product mechanically, avoid dust formation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Prevent formation of dust.
Keep away from children.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:**
Please follow the rules of the VCI-Storage-Concept for chemicals.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical systems:**
It must be possible to wash the skin in the working area.
Eye-wash bottle must be available.
- **Components with critical values that require monitoring at the workplace:**
- **1344-28-1 aluminium oxide (2.5-10%)**
WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust
- **13463-67-7 titanium dioxide (<0.5%)**
WEL Long-term value: 10* 4** mg/m³
*total inhalable **respirable
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Vacuum clean contaminated clothing. Do not blow or brush off contamination.
Use skin protection cream for preventive skin protection.
Be sure to clean skin thoroughly after work and before breaks.
- **Breathing equipment:** Filter P2.
- **Protection of hands:** Hand Protection: Nitril-rubber-latex-gloves.

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- **Material of gloves**

Nitril-rubber-latex-gloves II R: Thickness \geq 0,5mm; Penetration time \geq 480 min

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Not required.

- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Powder
Colour:	According to product specification
Smell:	Odourless
Odour threshold:	Not determined.

- **pH-value at 20 °C:** 8.8 (1%)

- **Change in condition**

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	not apply

- **Flash point:** Not applicable

- **Inflammability (solid, gaseous)** Not determined.

- **Decomposition temperature:** Not determined.

- **Self-inflammability:** Product is not selfigniting.

- **Explosive properties:** Product is not explosive.

- **Critical values for explosion:**

Lower:	Not determined.
Upper:	Not determined.

- **Steam pressure:** Not applicable.

- **Density** bulk density

Settled apparent density	1.33 kg/dm ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.

- **Solubility in / Miscibility with**

Water:	miscible
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- **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**

dynamic:	Not applicable.
kinematic:	Not applicable.

- **9.2 Other information** No further relevant information available.

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SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values that are relevant for classification:**
-
- 13463-67-7 titanium dioxide**
- Oral LD50 >5,000 mg/kg (rats)
Dermal LD50 >10,000 mg/kg (rbt)
Inhalative LC50/4 h 6.8 mg/l (rats)
- 123-26-2 N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)**
- Oral LD50 >2,000 mg/kg (rats)
Inhalative LC50/4 h 5.05 mg/l (rats)
- **Primary irritant effect:** No irritant action known.
 - **Skin corrosion/irritation** The product has an irritate-effect.
 - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - **Additional toxicological information:**
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
 - **STOT-single exposure** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure**
May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
-
- 13463-67-7 titanium dioxide**
- LC 0 48 mg/l (Leuciscus idus)
EC0 30 mg/l (Daphnia magna)
24 mg/l (Pseudomonas fluorescens)
- 123-26-2 N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)**
- EC 50 >100 mg/kg /72h (algae toxicity)
EL 50 >10 mg/l /48h (Daphnia magna)
LL50 >10 mg/l /96h (rainbow trout)
- **12.2 Persistence and degradability** No further relevant information available.

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- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN-Number
· ADR, IMDG, IATA | Void |
| · 14.2 UN proper shipping name
· ADR, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | Void |
| · 14.4 Packing group
· ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

· Department issuing data specification sheet: Environment protection department.**· Contact:** Environment protection department.**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Sens. 1B: Skin sensitisation – Category 1B

Carc. 2: Carcinogenicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3